



European Aviation Safety Agency

EASA

**TYPE-CERTIFICATE
DATA SHEET FOR NOISE**

No. EASA.IM.A.018

For

Maule M-4

**Type Certificate Holder:
Maule Aerospace Technology, Inc.**

2099 Georgia Highway 133 South
Moultrie, Georgia 31768
USA

For models:	M-4-220C	M-7-235	MXT-7-160
	M-5-210C	M-7-235B	MXT-7-180
	M-5-235C	MT-7-235	MXT-7-180A
	M-6-235	MX-7-180B	
		MX-7-180C	
		MX-7-235	

INTENTIONALLY LEFT BLANK

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-4-220C**

Engine Manufacturer¹ **Franklin** Engine Type Designation¹ **6A-350-C1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3260	McCauley	2A34C-22-N/(S)84SF-6	none	1.043	69,9	73,9	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-5-210C**

Engine Manufacturer¹ **Teledyne Continental** Engine Type Designation¹ **IO-360-D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3262	McCauley	D2A34C67/76C-2	none	1.043	72,9	73,9	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-5-235C**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-J1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4887	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1.043	67,6	73,9	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-6-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-W1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9382	McCauley	B3D32C414-()/()-82NDA-2	none	1.134	75,1	75,1	-
C9383	McCauley	B3D32C414-()/()-82NDA-4	none	1.134	75,1	75,1	-
C3264	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1.134	67,7	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-6-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-J1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3266	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1.134	67,7	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-7-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-W1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3268	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1.134	67,7	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-7-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-J1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3270	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1.134	67,7	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **M-7-235B**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-B4B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C5050	McCauley	B2D37C-224-()/()-90RA-9	EDO model 797-2550 (Amphibious Floats)	1.247	82,6	86,4	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MT-7-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-W1A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9011	McCauley	B2D37C-224-()/()-90RA-9	none	1.134	82,7	85,0	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MT-7-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-W1A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C114	McCauley	B3D32C414-()/()-82NDA-2	none	1.134	80,1	85,0	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MT-7-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-W1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C10475	McCauley	B2D37C-224-()/()-90RA-9	none	1.134	82,7	85,0	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MX-7-180B**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-360-C1F**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3277	Hartzell Propeller Inc.	HC-C2YR-1BF/(F)7666A	none	1.134	72,8	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MX-7-180C**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-360-C1F**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C3279	Hartzell Propeller Inc.	HC-C2YR-1BF/(F)7666A	none	1.134	83,6	85,0	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MX-7-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-W1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3281	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1.134	67,7	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MX-7-235**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-J1A5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3283	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1.134	67,7	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MXT-7-160**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-320-B2D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C116	Sensenich	74DM7S5-0-56	none	998	80,8	83,2	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MXT-7-180**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-360-C1F**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3273	Hartzell Propeller Inc.	HC-C2YR-1BF/(F)7666A	none	1.134	72,8	75,1	-

¹ See Note 1.

Type Certificate Holder¹ **Maule Aerospace Technology, Inc.** Aircraft Type Designation¹ **MXT-7-180A**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-360-C4F**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C115	Sensenich	76EM8S5-0-56	none	1.089	79,4	84,4	-

¹ See Note 1.

TCDSN EASA.IM.A.018 Notes

1. Items so marked shall be included on EASA Form 45.

Change Record

Issue	Date	Changes
Issue 1	29 January 2007	Initial Issue
Issue 2	04 May 2007	Revised
Issue 3	06 November 2007	Revised
Issue 4	14 February 2008	Revised
Issue 5	07 April 2009	Revised
Issue 6	11 May 2009	Revised
Issue 7	13 July 2010	Added records C9382 & C9383
Issue 8	14 November 2011	Record C10475 added.

-END-